

Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

27 February 2004

National Ocean Service/NCCOS and CSC

NESDIS/CoastWatch and NDBC

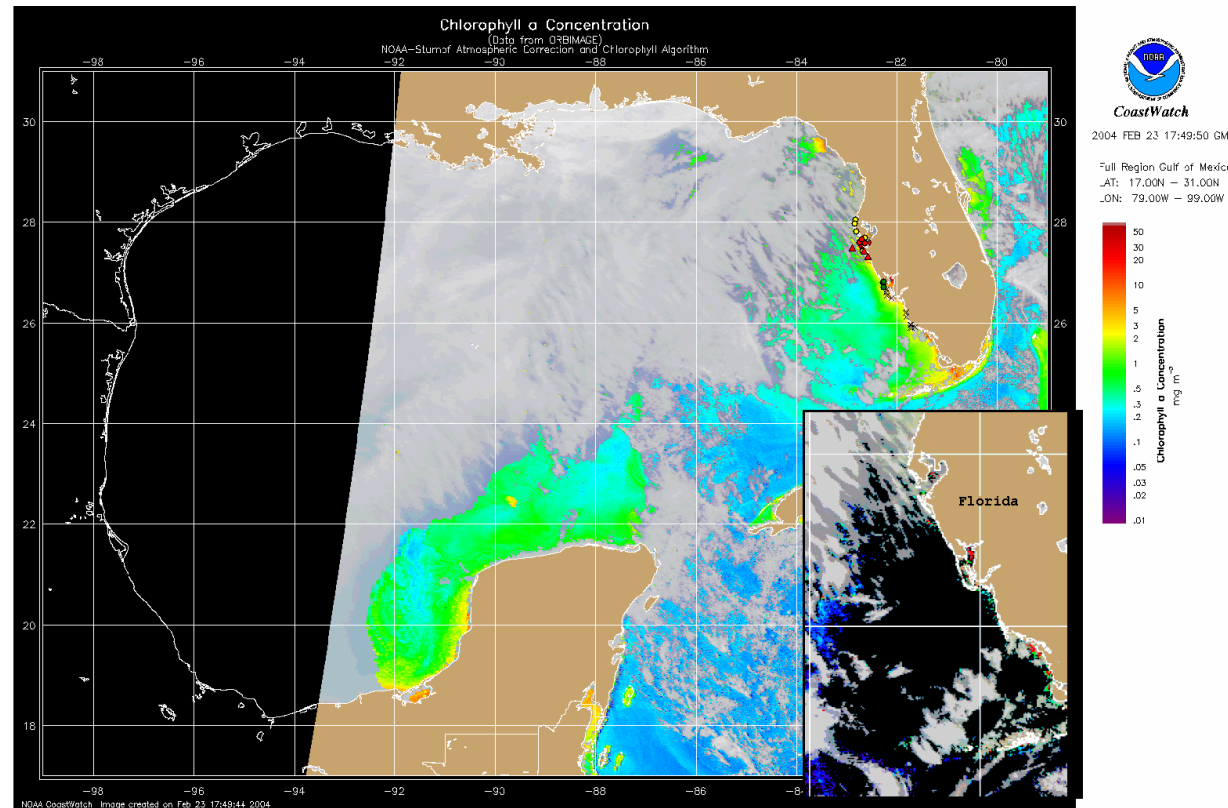
Last bulletin: January 29, 2004

Analysis

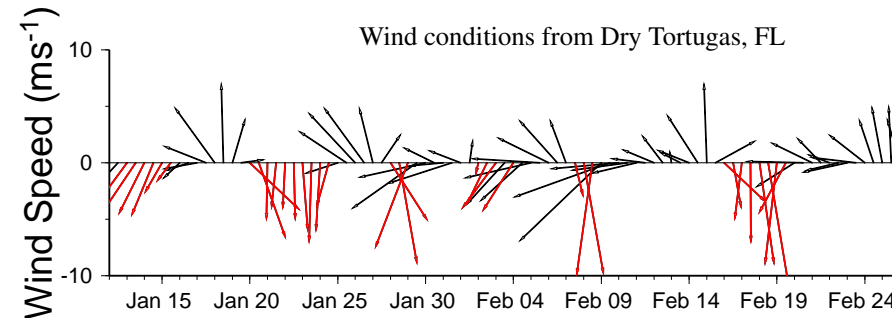
SW Florida:

Winds in early to mid-February favored southward movement, especially strong events in mid-month. The next two days favor more southward movement from the bloom locus of Pinellas-Sarasota. The wind shift on the weekend should stop southward transport and diminish impacts at the coast. Detection from satellite is sketchy. Poorly defined blooms, probably indicating the patchiness (besides the challenge of these late winter blooms).

--Stumpf



Chlorophyll concentration (above) and possible HAB areas shown in red (inset). Cell concentration sampling data from February 20, 2004 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present).



Wind speed and direction are averaged over 12 hours from measurements made on NOAA buoys. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast.

Winds shifting to north, then easterly through early next week.

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